

In the claims (the following is a complete set of claims as amended):

1. A polyester powder coating composition which comprises:
a) from 85 to 96 wt% of a polyester resin formed by reacting a mixture of aliphatic glycols and one or more dicarboxylic acids, wherein the mixture of aliphatic glycols comprises from 5 to 90% on a molar basis 1,3-propanediol;
from 4 to 15 wt% of a triglycidyl isocyanurate crosslinking agent; and
optionally conventional catalysts, auxiliary agents, and additives.

C² 2. The powder coating composition of Claim 1 wherein the aliphatic glycol in the mixture of aliphatic glycols which is not 1,3-propanediol is selected from the group consisting of 1,3-butylene glycol, 1,4-butylene glycol, ethylene glycol, propylene glycol, 2-methyl-1,3-propanediol, 1,6-hexanediol, and neopentyl glycol.

3. The powder coating composition of Claim 2 wherein the aliphatic glycol in the mixture of aliphatic glycols which is not 1,3-propanediol is neopentyl glycol.

4. The powder coating composition of Claim 2 further comprising minor amounts of branching agents selected from the group consisting of trimethylolpropane, trimethylolethane, and pentaerythritol.

5. The powder coating composition of Claim 3 wherein the mixture of aliphatic glycols comprises from 15 to 50% on a molar basis 1,3-propanediol.

6. The powder coating composition of Claim 1 wherein the dicarboxylic acids are selected from the group consisting of saturated, unsaturated, aliphatic, and aromatic dicarboxylic acids.

C² 7. The powder coating composition of Claim 6 wherein the dicarboxylic acids are selected from the group consisting of phthalic, isophthalic, terephthalic, naphthalenedicarboxylic, sebacic, maleic, fumaric, succinic, adipic, azelaic, malonic acids, and mixtures thereof.

8. The powder coating composition of Claim 7 wherein the dicarboxylic acids are selected from the group consisting of isophthalic acid, terephthalic acid, and a mixture thereof.